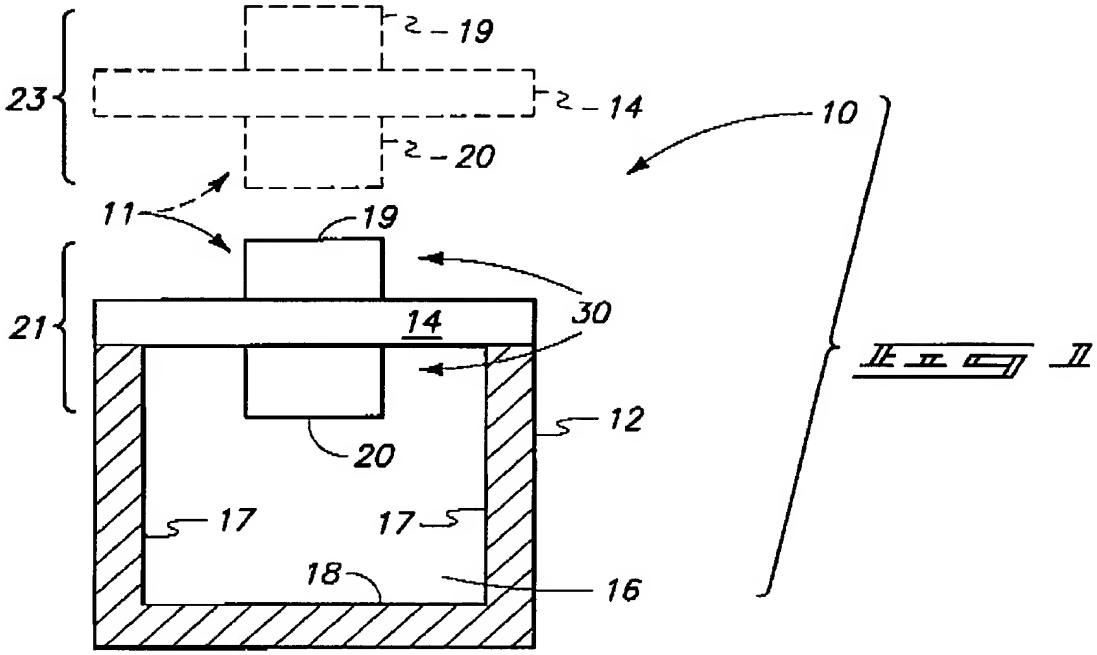

19
23
14
10
20
11
19
21
14
30
12
20
17
17
18
16

Fig 1

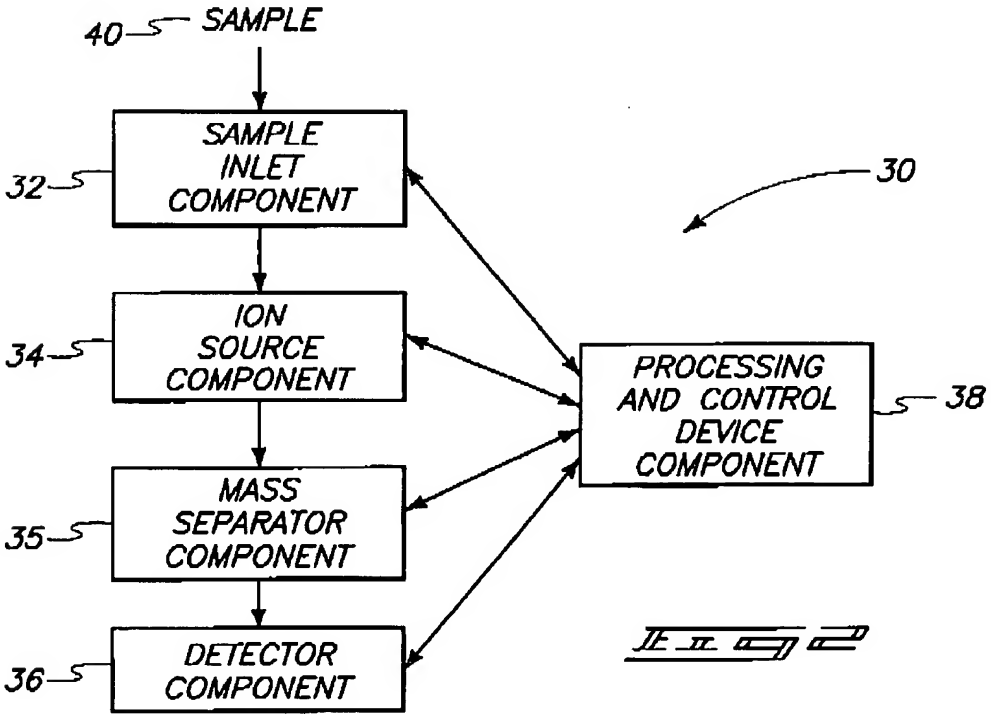

40
SAMPLE
SAMPLE INLET COMPONENT
32
30
ION SOURCE COMPONENT
34
PROCESSING AND CONTROL DEVICE COMPONENT
38
MASS SEPARATOR COMPONENT
35
DETECTOR COMPONENT
36

Fig 2

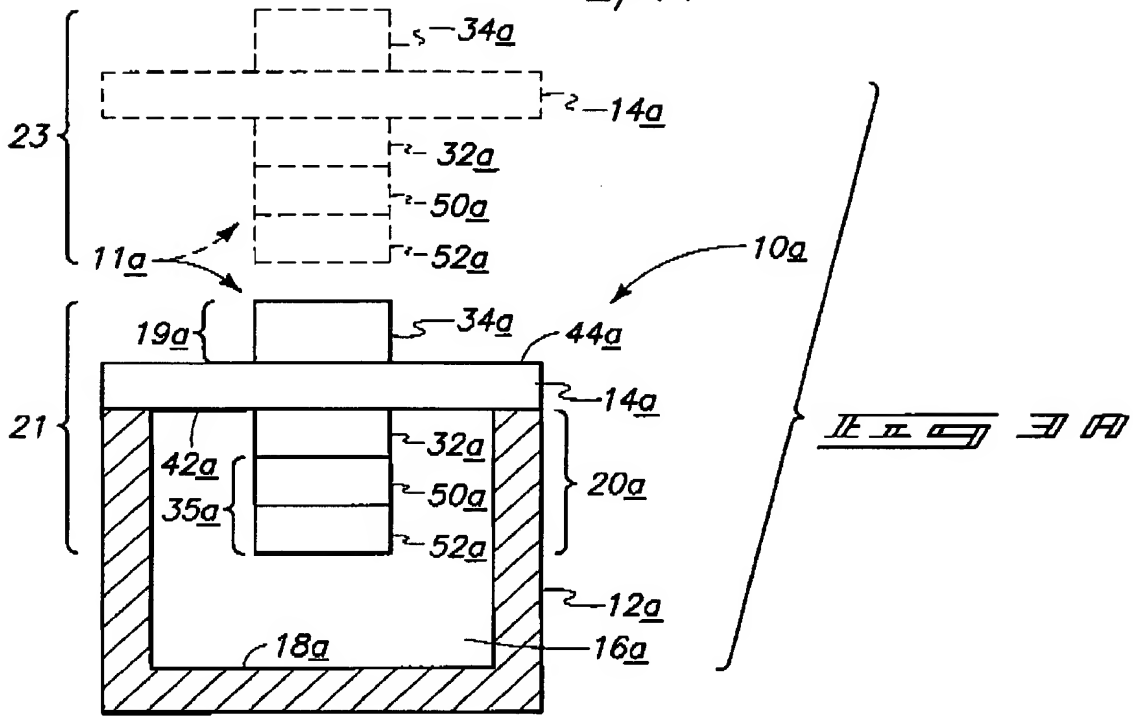

34a
14a
23
32a
50a
52a
11a
10a
19a
34a
44a
14a
21
42a
35a
32a
50a
52a
20a
12a
18a
16a

Fig. 3A

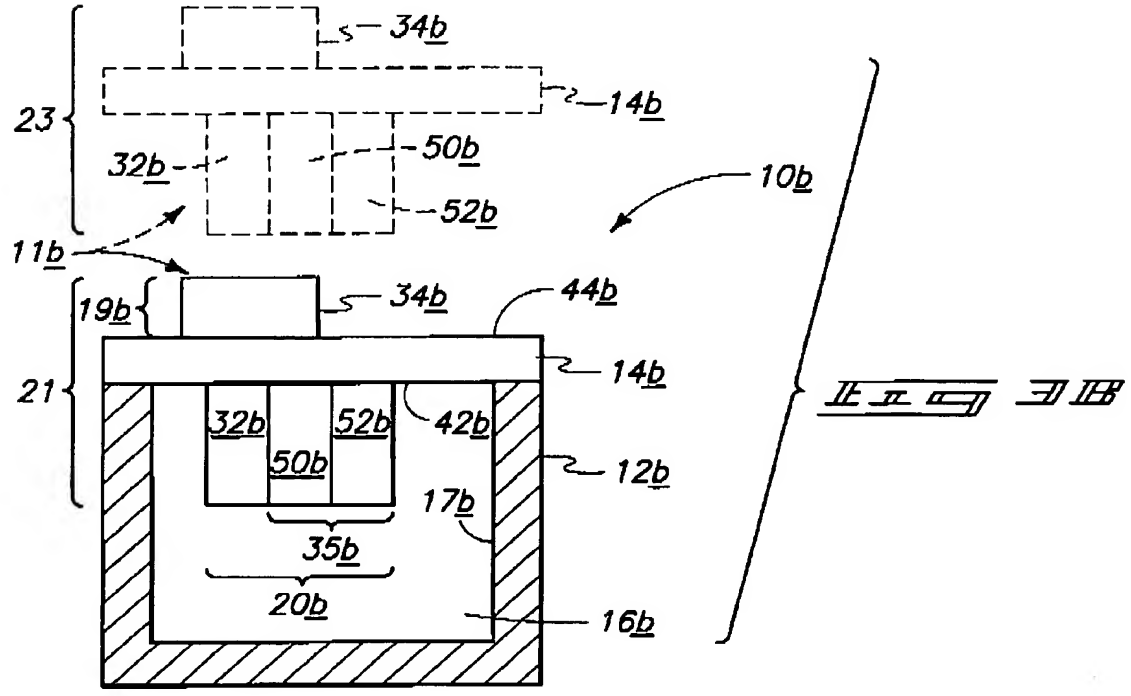

34b
14b
23
32b
50b
52b
10b
11b
19b
34b
44b
14b
21
32b
52b
42b
50b
12b
17b
35b
20b
16b

Fig. 3B

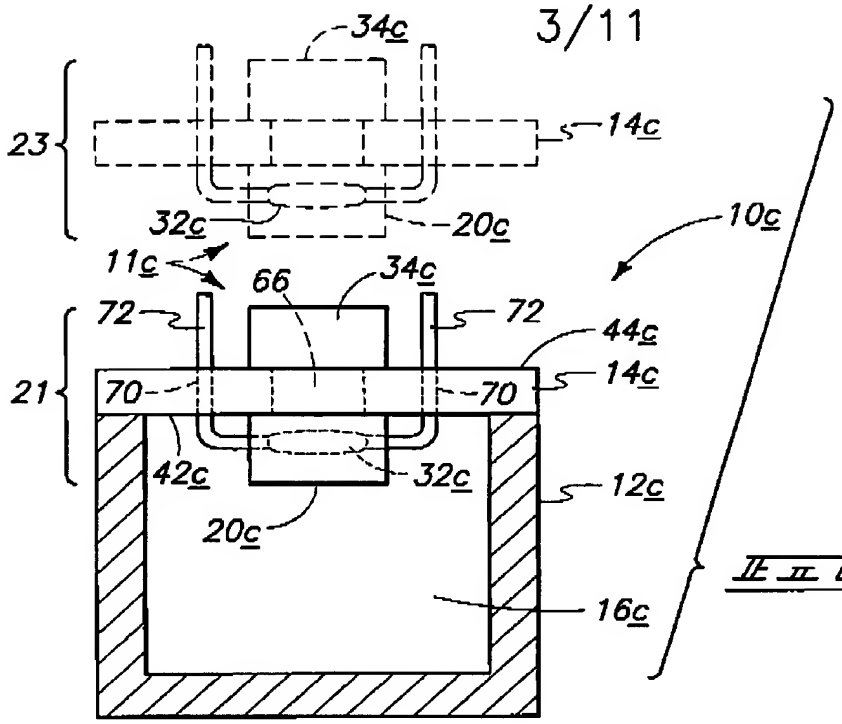

34c
14c
23
32c
20c
10c
11c
66
34c
72
72
44c
21
70
70
14c
42c
32c
12c
20c
16c

Fig 3C

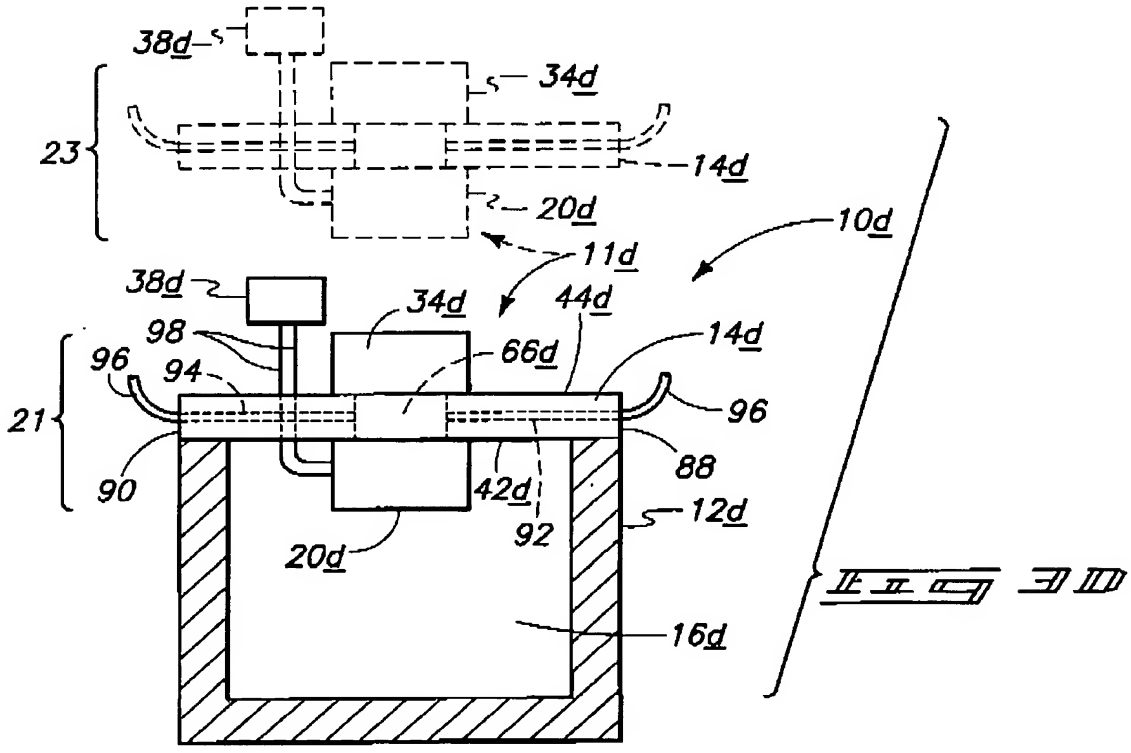

38d
34d
23
14d
20d
10d
11d
38d
34d
44d
98
66d
14d
96
94
21
96
90
88
42d
12d
92
20d
16d

Fig 3D

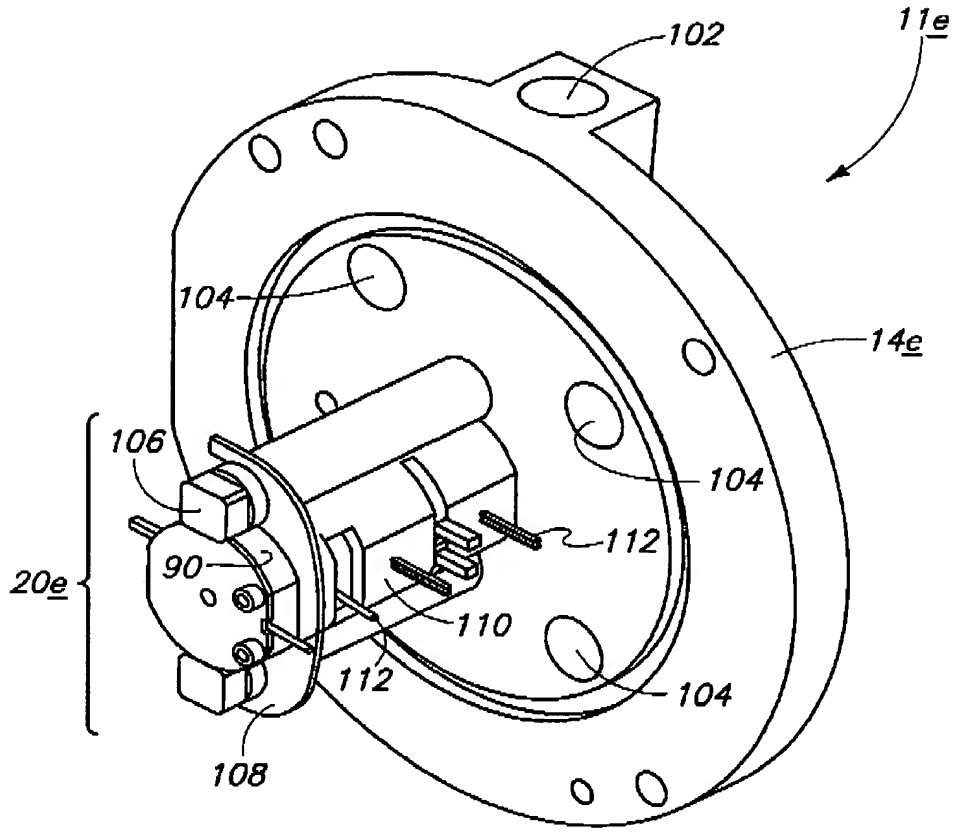


Fig 4

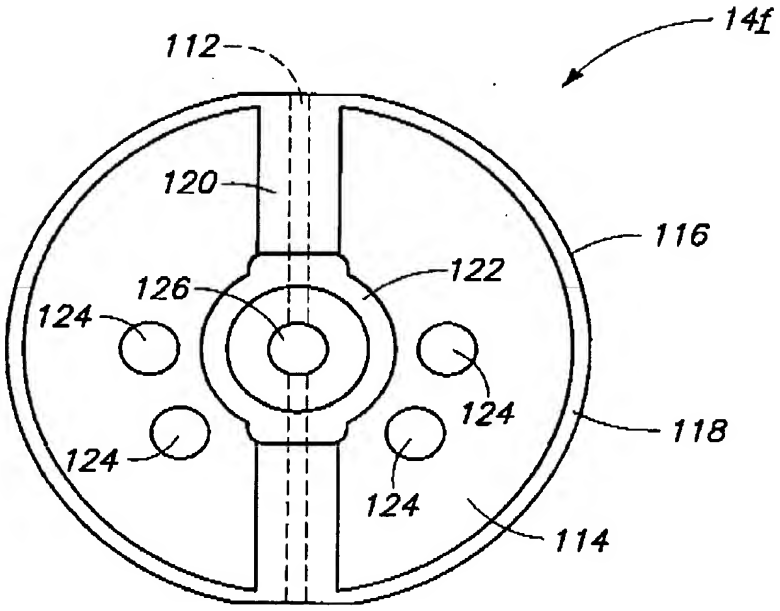

14f
112
120
116
122
126
124
124
124
118
124
124
114

Fig 5A

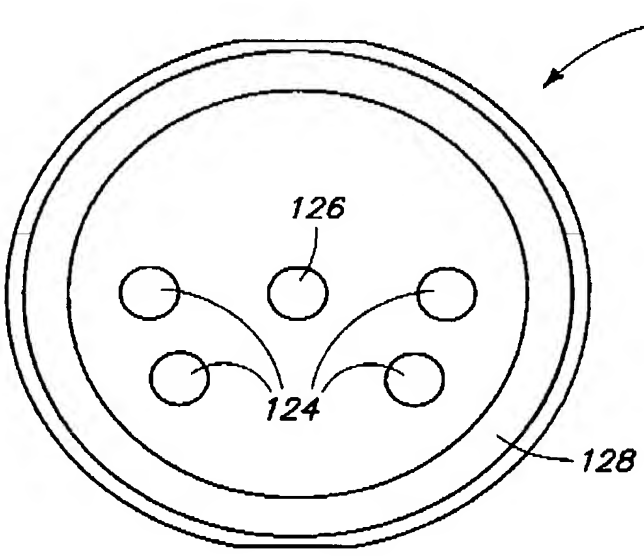

14f
126
124
128

Fig 5B

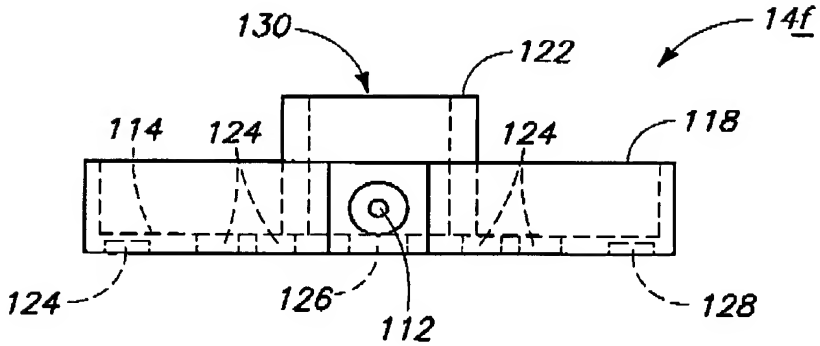


Fig 5C

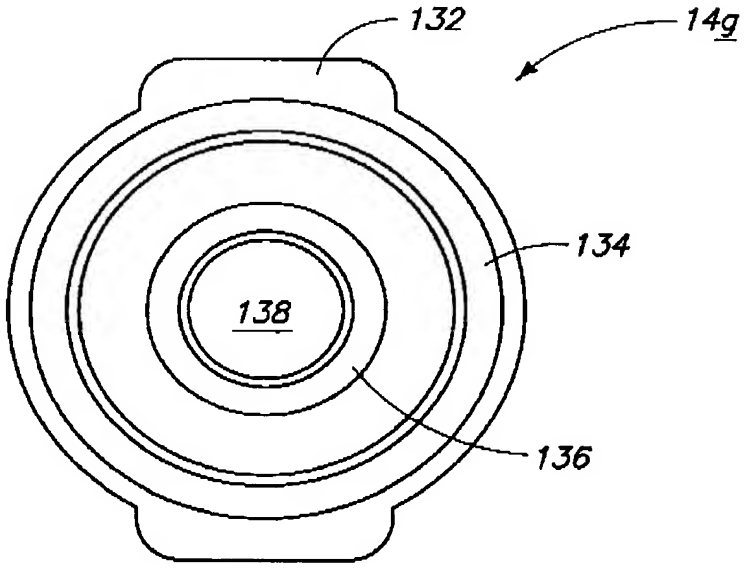


Fig 6

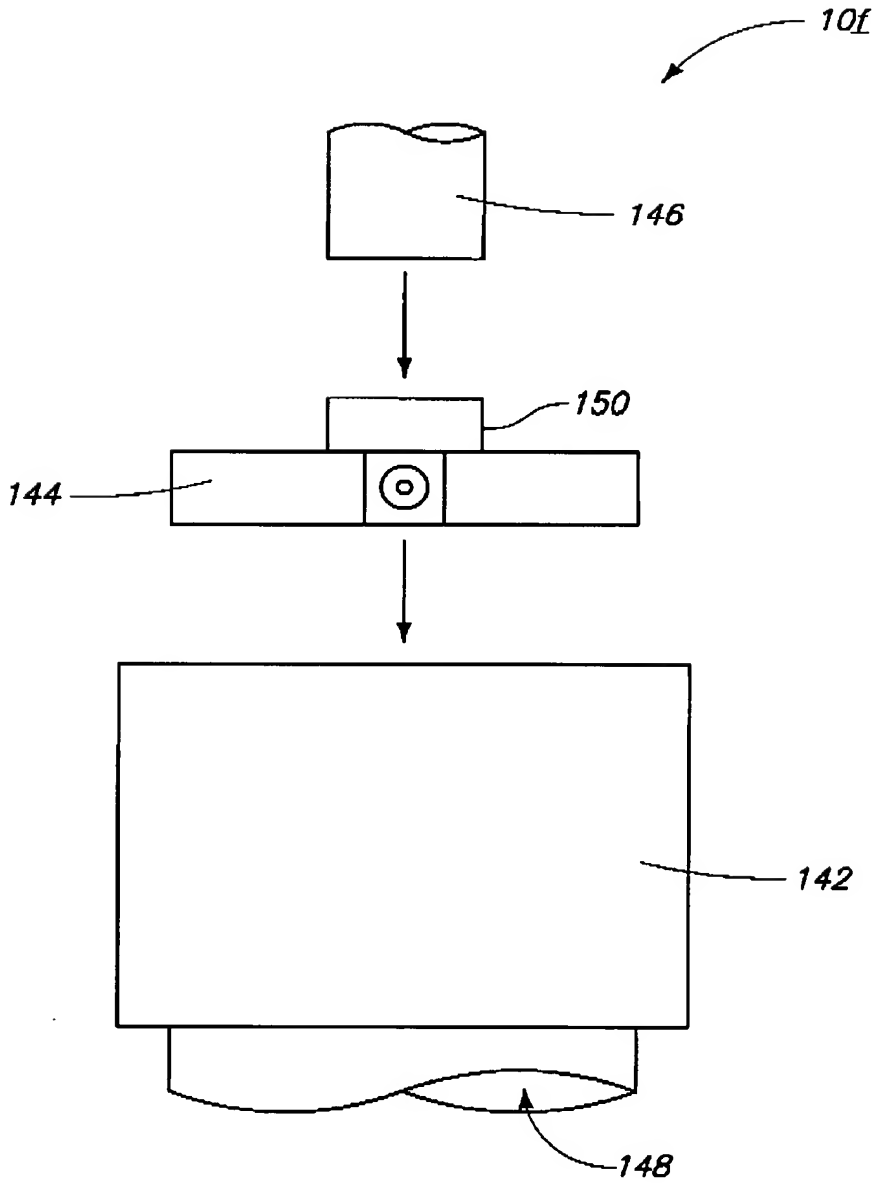


Fig 7

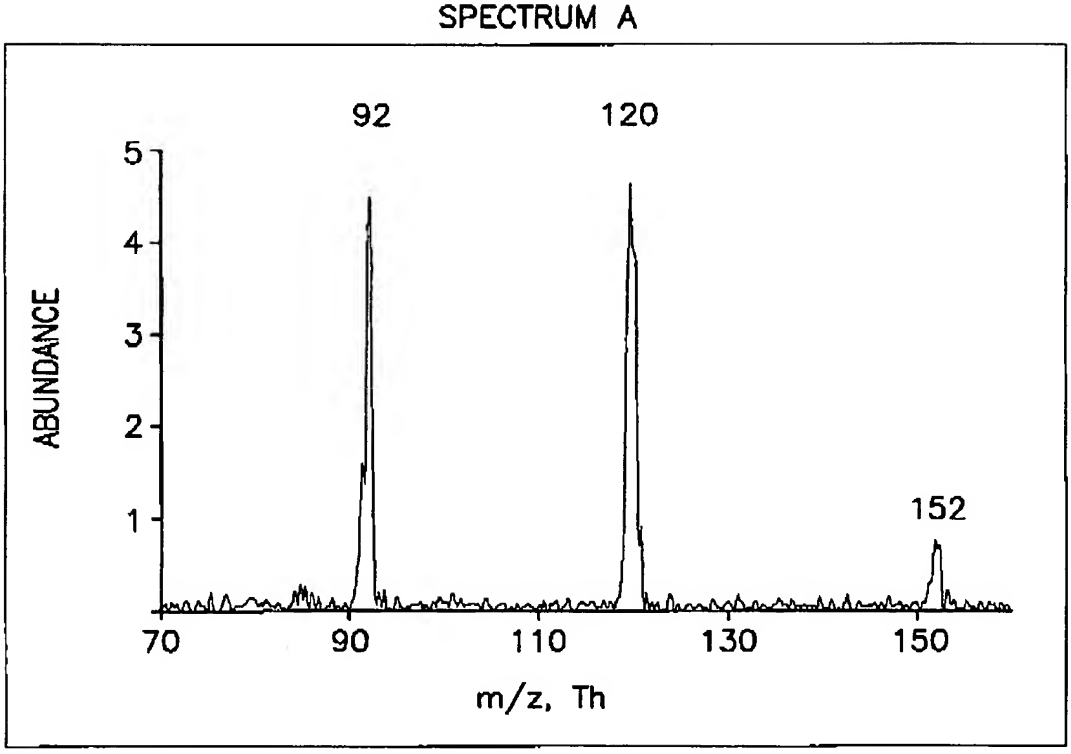
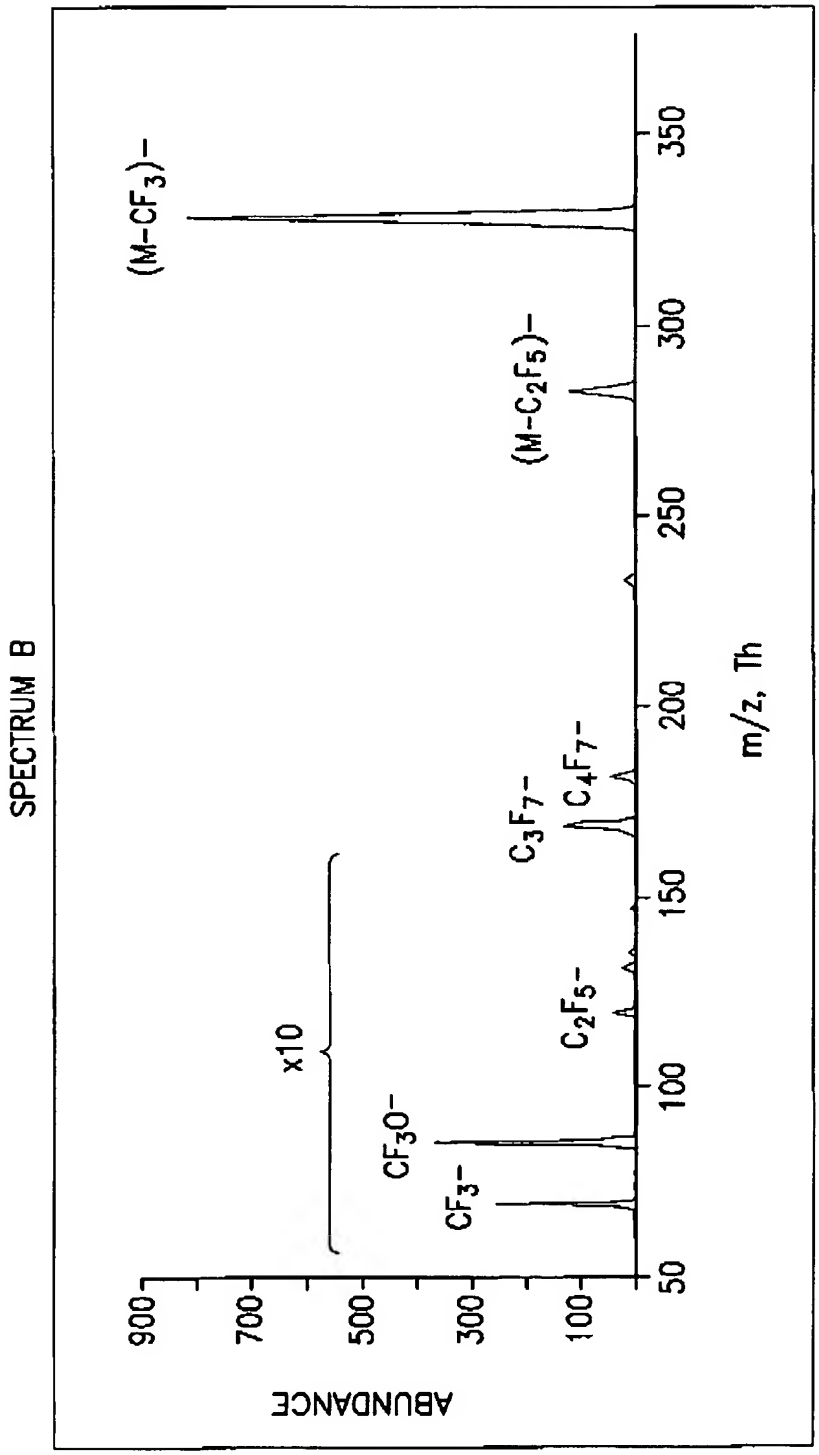


Fig 8



Note: Spectrum was collected in two segments.

Fig 9

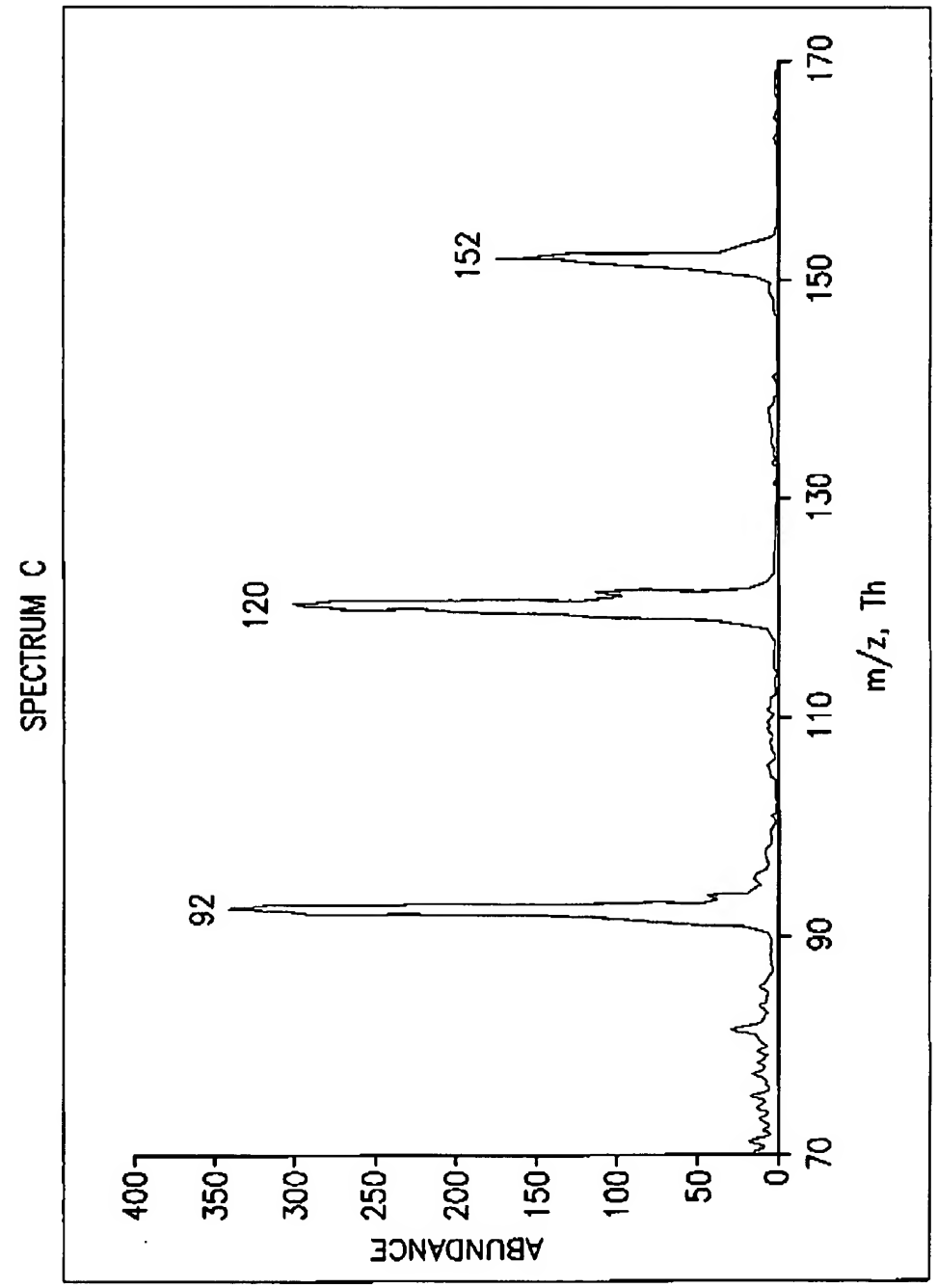

SPECTRUM C
ABUNDANCE
400
350
300
250
200
150
100
50
0
70
90
110
130
150
170
m/z, Th
92
120
152

FIG 10

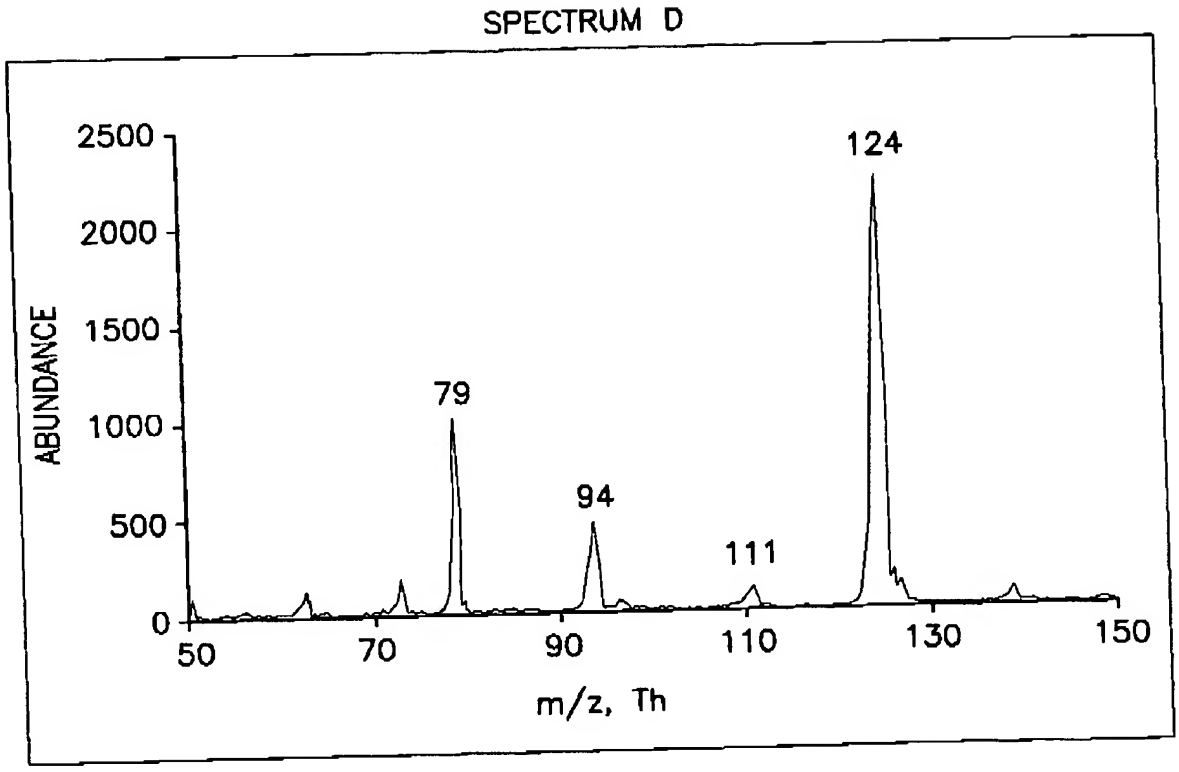

SPECTRUM D
2500
2000
1500
1000
500
0
ABUNDANCE
79
94
111
124
50
70
90
110
130
150
m/z, Th

Fig. 11